

# Work Order ID 112563

**\*112563\***

Page 1

January-30-14 11:49:58 AM

Item ID: 646.9602 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Lower Cutter Assy High  
 Start Date: 1/30/14 Start Qty: 2.00 **\*2\*** Cust Item ID:  
 Required Date: 1/30/14 Req'd Qty: 2.00 **\*2\*** Customer:  
 Reference:

Approvals: Process Plan: MCS Date: 11-02-03 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.9600	N/C								

110 Pick Kit 0.00  
**\*110\***  
 Packaging Memo -0.00  
 Packaging

(2) SMO 14/04/03

120 0.00  
**\*120\***  
 Small Fab Memo 0.00  
 Small Fab Assemble as per dwg and apply loctite 598 on all faying surfaces per note 2.  
 A/R RTV LOCTITE 598: m125306  
 exp. date: 16 April 2014

(2) SMO 14/04/03

130 QC5- Inspect part completeness to step on W/O 0.00  
**\*130\***  
 QC Memo 0.00  
 Quality Control

DAS  
 27  
 9-39  
 14/4/4

2

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--

January-30-14 11:49:58 AM

**\*112563\***

**Item ID:** 646.9602

**Accept**

**\*N900040100\***

Setup Start \*NS1\*

Revision ID:

**Item Name:** Lower Cutter Assy High

Stop \*NS2\*

**Start Date:** 1/30/14      **Start Qty:** 2.00      **\*2\***

**Cust Item ID:**

**Required Date:** 1/30/14      **Req'd Qty:** 2.00      **\*C\***

**Customer:**

**Reference:**

**Approvals:**      **Process Plan:**      **Date:**      **Tooling:**      **Date:**

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/  
Work Center ID

## Operation Description

### Set Up/ Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	-----------	------------	------------	---------------	-------------

140

Identify as per dwg & Stock Location: \_\_\_\_\_

0.00

**\*140\***

## Packaging

## Memo

0.00

## Packaging

\*\*\*IDENTIFY AS PER LAW MPP-120\*\*\*

150

QC21- Final Inspection - Work Order Release

0.00

**\*150\***

QC

## Memo

0.00

## Quality Control

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--

# Picklist Print

January-30-14 11:49:57 AM

Page 1

Work Order ID: 112563

Parent Item: 646.9602

Parent Item Name: Lower Cutter Assy High

Start Date: 1/30/14

Required Date: 1/30/14

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 12.08.13 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
✓ 646.9701 Cutter Sub Assembly		Manufactured	No			110	Each	11.0000	1	SAD 2		14/04/01	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				CA		11		B110642					
					91788	11		<del>B110642</del>					
646.9812 Lower Cutter Deflector		Manufactured	No			110	Each	13.0000	1	SAD 2		14/04/01	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				CA		13							
					89843	9		B89843		2			
					m126249	4							
MS21042L08 Nut		Purchased	No			110	Each	3,992.0000	3	SAD 6		14/04/01	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST314		58							
					123900	58		m125445		6			
				ST508		3400							
					125445	1900							
					m127410	1500							
				ST509		534							
					m127304	534							
MS27039-08-19 Screw		Purchased	No			110	Each	2,977.0000	3	SAD 6		14/04/01	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST506		2977		m					
					124309	1200							
					125654	127							
					m127410	400							
					m127831	250				6			
					m127904	1000							

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--

# Picklist Print

January-30-14 11:49:57 AM

Page 2

Work Order ID: 112563

Parent Item: 646.9602

Parent Item Name: Lower Cutter Assy High

Start Date: 1/30/14

Required Date: 1/30/14

Start Qty: 2.00

Required Qty: 2.00

NAS1149FN832P

Purchased

No

110

Each

11,197.000

6

12

Washer

SAD 12 19/04/07

## Location

## Loc Qty

## Loc Code

ST295

1197

123522

400

123900

797

st510

10000

125268

10000

12

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
		<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other



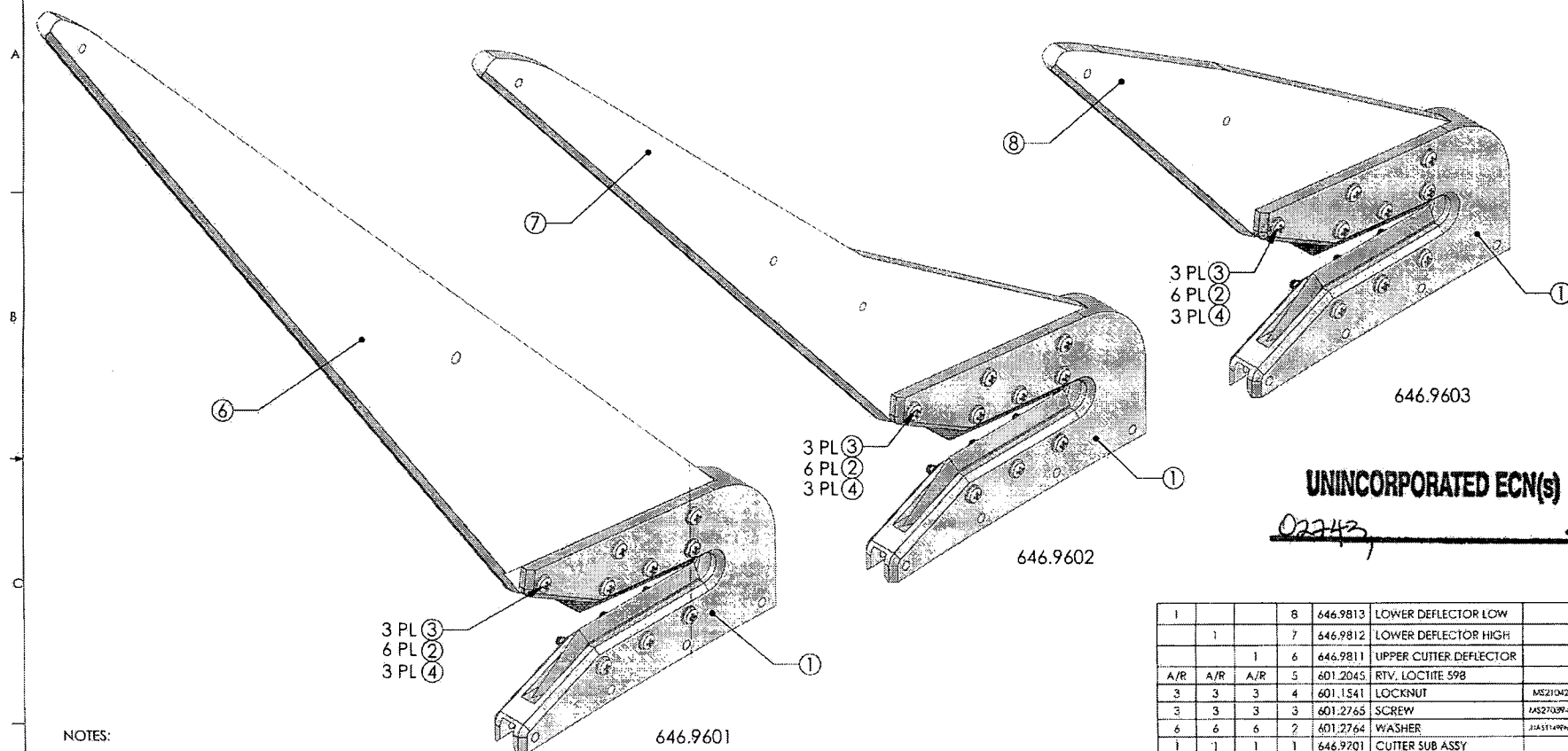
<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02743				SHEET 1 OF 1	
	DWG NO. 646.9600		REV: N/C	PREPARED BY S. HUFF	DATE: 01/07/10	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: CUTTER ASSY					
	APPROVED BY:	ENGR <i>P. Brans</i>	MFG <i>Amel G...</i>	QC <i>Wendy Lopez</i>	EFF: NEXT ORDER	
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED SCREW LENGTH.				

112563 MJS  
1402-03

3	R	601.3157	3	3	3	SCREW	MS27039-0818
			.9603	.9602	.9601		
F/N	TC	PART NUMBER	QTY		DESCRIPTION		MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM							CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR
DER REVIEW REQUIRED							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPED REVISION PER:			TJC
N/C	INITIAL RELEASE	04/30/09	P. SPANO



646.9603

UNINCORPORATED ECN(s)

02243

646.9602

646.9601

# NOTES:

1. IDENTIFY IAW MPP-120
2. APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 1, 6, 7, & 8 UPON ASSEMBLY

1			8	646.9813	LOWER DEFLECTOR LOW		
	1		7	646.9812	LOWER DEFLECTOR HIGH		
		1	6	646.9811	UPPER CUTTER DEFLECTOR		
A/R	A/R	A/R	5	601.2045	RTV, LOCTITE 598		
3	3	3	4	601.1541	LOCKNUT	MS21042UB	
3	3	3	3	601.2765	SCREW	MS27039-0519	
6	6	6	2	601.2764	WASHER	MS21042UB	
1	1	1	1	646.9701	CUTTER SUB ASSY		
				646.9603	LOWER CUTTER ASSY LOW		
				646.9602	LOWER CUTTER ASSY HIGH		
				646.9601	UPPER CUTTER ASSY		
9603	9602	9601	FIND #	PART #	DESCRIPTION	MATL	SPEC.
QTY				PARTS LIST			
NEXT ASSY (S)				APICAL INDUSTRIES			
646.9300				2603 TEMPLE HEIGHTS DR.			
				OCEANSIDE, CA. 92056-3512 (760)724-5300			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER ASSY			
				CUTTER			